



KRAMER

VM-2D

1:2 4K60 4:2:0 DVI DA

| DVI | HDCP Compliant | 4K/60 UHD (4:2:0)



VM-2D is a 1:2 distribution amplifier for up to 4K@60Hz (4:2:0) HDMI signals, complying with HDCP 1.4 content protection standard, via single-link DVI-I connections. The unit takes one DVI input, equalizes and reclocks the signal, and distributes it to two identical outputs

FEATURES

High Performance Distributor - Professional 1:2 DVI distributor for up to 4K@60Hz (4:2:0) video resolution signals. Via single-link DVI-I connections, one HDMI HDCP 1.4 input signal is amplified and distributed to two identical output signals, with signals rebuilt using Kramer Equalization & re-Klocking™ Technology to gain longer distances

Secured Operation - Highly-secured operation is ensured by lockable wiring connectivity with protection against unintentional cables connection

HDMI Signal Transmission - HDCP 1.4 compliant signal, supporting Deep Color, x.v.Color™, Lip Sync, 7.1 PCM, Dolby TrueHD, DTS-HD, 2K, 4K, and 3D as specified in HDMI 2.0. EDID signals are passed through from the source to the displays

I-EDIDPro™ Kramer Intelligent EDID Processing™ - Intelligent EDID handling, processing and pass-through algorithm that ensures Plug and Play operation for DVI source and display systems

User-Friendly Operation - Comprehensive signal distribution features and signal mode-forcing options such as RGB forcing, with convenient EDID selection front panel button

Cost-Effective Field Maintenance - Mini-USB connection for simple field firmware upgrade. Status indicators for fast and effective troubleshooting

Easy Installation - Compact TOOLS™ fan-less enclosure for over-ceiling mounting, or side-by-side mounting of 3 units in a 1U rack space with the optional recommended rack adapter



TECHNICAL SPECIFICATIONS

| | |
|--------------------------|--|
| Inputs | 1 DVI On a DVI-I female connector |
| Outputs | 2 DVI On DVI-I female connectors |
| Video | Max. Data Rate 10.2Gbps (3.4Gbps per graphic channel) Max. Resolution 4K@60Hz (4:2:0) 24bpp Standards Compliance DVI 1.0 and HDCP 1.4 HDMI Support Deep color, x.v.Color™, Lip Sync, 7.1 PCM, Dolby TrueHD, DTS-HD, 2K, 4K, and 3D as specified in HDMI 2.0 |
| User Interface | Controls: EDID setup button, RS-232 port on mini-USB female connector for firmware upgrade Indication LEDS OUTPUTS 1 to 2, ACTIVE input and power ON LEDs |
| Power | Source 5V DC, 4A Consumption 5V DC, 800mA |
| Enclosure | Size Tools Type Aluminum Cooling Convection ventilation |
| Environmental Conditions | Operating Temperature 0° to +40°C (32° to 104°F) Storage Temperature -40° to +70°C (-40° to 158°F) Humidity 10% to 90%, RHL non-condensing |
| Accessories | Included Power supply, bracket set |
| Product Dimensions | 12.00cm x 7.15cm x 2.44cm (4.72" x 2.81" x 0.96") W, D, H |
| Product Weight | 0.3kg (0.6lbs) approx |
| Shipping Dimensions | 15.70cm x 12.00cm x 8.70cm (6.18" x 4.72" x 3.43") W, D, H |
| Shipping Weight | 0.7kg (1.5lbs) approx |

